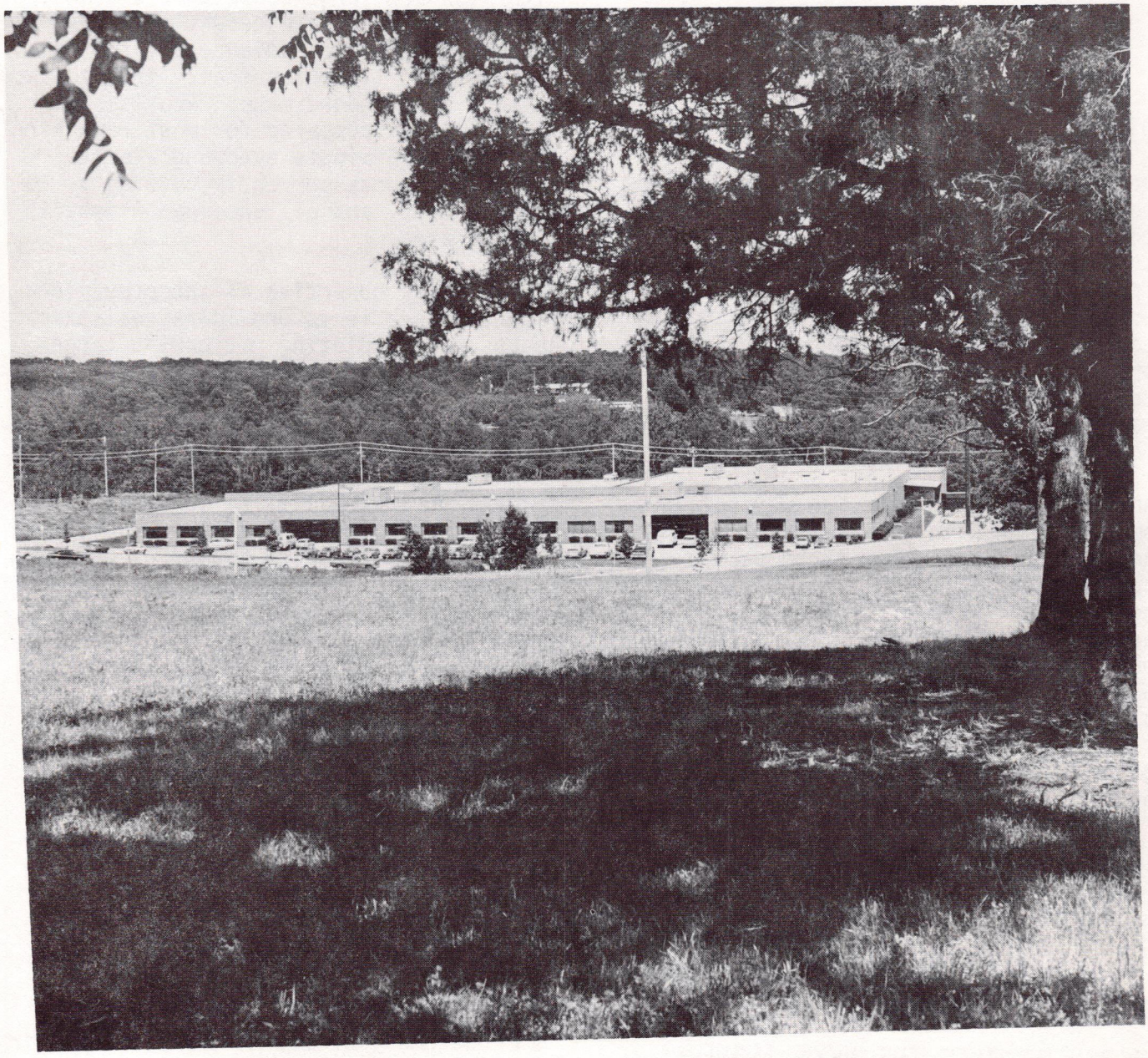
Topographically Speaking



Mid-Continent Mapping Center--Rolla, Mo.

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JULY-AUGUST 1981

GEOLOGICAL SURVEY, NATIONAL MAPPING DIVISION
1400 Independence Road, Rolla, Missouri 65401

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No. 6

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EDITORIAL STAFF

J. C. Earl . . . . . Editor
P. D. Lampert . . . . Associate Editor
B. A. Bauch . . . . Plans & Production
G. H. Raymond . . . . . Cartography
O. W. Detjen . . . . . Photogrammetry
A. V. Giebink . . . . . Field Surveys
G. H. Raymond . . . . . Sports
L. A. Sanchez . . . . . Typist
C. J. Forbes . . . . . Photographer
J. J. Wynn . . . . . Illustrator

EDITORS NOTE

The change in seasons is all but upon us, and like whatever we enjoy the end comes sooner or later. So it is with my term as editor, I would like to take this opportunity to thank all the members of the present staff, without whose help my year would have been a longer one. I hope that you as readers will continue supporting Topographically Speaking and its new editor Phil Lampert and his new staff with articles and information.

The paper is one of the few ways of communicating with the retirees, field, and other regions. For those people who feel that this isn't worth the time and trouble involved, try thinking of the paper in this light. The next time you pick up a copy of Topographically Speaking, even though it maybe old news to you, it's still news to somebody else.

Again, thanks to my staff for a job well done.

Jim Earl
Editor

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FOR THE RECORD

BEGINNING WITH THE NEXT ISSUE, TOPOGRAPHICALLY SPEAKING WILL BE PUBLISHED QUARTERLY. YOUR NEXT ISSUE WILL BE IN DECEMBER.

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FROM THE DESK OF THE CENTER CHIEF

PROVISIONAL MAPPING PROGRAM

The National Mapping Division has tentatively set the date of October 1, 1981, as the target for beginning production of provisional maps as substitutes for its standard large-scale publications. Provisional maps are essentially partially edited, multicolor advance prints that are printed lithographically in the same manner as standard maps. Provisional maps will be prepared for most remaining unmapped 7.5-minute quadrangle areas, including areas currently covered by 15-minute maps, and all unmapped Alaska 15-minute area.

The primary objective of the provisional map approach is to provide a realistic means for completing nationwide large-scale coverage by 1987-88. Conventional procedures and specifications will be modified whereby map production will be accelerated and significant cost savings will be effected with little adverse effect on the utility of the maps. Provisional maps will be prepared to National Map Accuracy Standards, and map content will generally reflect standard map content. It is intended that when the maps are revised, standard map-finishing techniques will be used.

A committee established for the purpose of formulating provisional map procedures and specifications has recommended that:

- Maps be published on a 7.5- x 7.5-minute format.
- Map scales be 1:24,000 or 1:25,000 in accordance with agreements with States.
- Customary or metric units be used in accordance with agreements with States.
- Maps be published in four colors (black, brown, green, red) in public-land States, and in three colors (red omitted) in nonpublic-land States. Color separates are:

Black - Graticule and grid; stickup lettering; water tint (screened); urban area tint (screened); and a compilation manuscript which includes roads, railroads, buildings, fences, drainage, hand-lettered labels and elevations, and miscellaneous cultural features. (MCMC is experimenting with the Intergraph Interactive edit system to produce the lettering plates for provisional maps.)

Brown - Contours, contour numbers; selected collar information.

Green - Vegetation.

Red - Public land net and labels.

- o No final scribing be performed other than preparation of the various tint plates.
- o Compilation manuscripts be used for reproduction copy (including miscellaneous hand-lettered labels and elevations).
- o Prefield procedures be increased by providing more office information on boundaries, land net, roads, drainage and woodland classification and names research.
- o Field procedures be reduced by less field effort in building, drainage, and woodland classification and boundary and names investigation.
- o Office compilation be increased by use of more photointerpretation in classification of features and by improving scribing quality.

From comments received from Mapping Centers and interested State and Federal officials it is apparent that a number of the committee's recommendations need to be reconsidered. For example, there seems to be considerable sentiment for the retention of the blue separates for the presentation of drainage and open water. The committee will reconvene on August 17 to evaluate all pertinent comments and finalize the specifications.

It is estimated that production of this type of maps can be accomplished with approximately 25 percent less cost than is required for standard maps. The production cycle will also be decreased considerably, thus putting maps in the hands of the users on a more timely basis. Under the provisional map concept the basic map data will be available for completing the 1:100,000-scale derivative map series by 1990. Complete nationwide primary map coverage will also provide the base for digitizing, on demand, the standard map data needed to build the National Digital Cartographic Data Base.

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MERIT PAY PLAN IN EFFECT

by W. D. Parkinson

The Civil Service Reform Act of 1979 established a merit pay system based on performance for senior level supervisors and management officials (pay grades 13-15). Under the general schedule (GS), an employee's position in the pay range is based on longevity; with merit pay (GM), annual performance appraisal becomes the basis for compensation. For GS employees, progress through a pay range is by 1-, 2-, and 3-year increments, and it may take up to 18 years to reach the top. An outstanding GM performer may reach the top in less than half that time; a mediocre performer may never get there. To give you a brief idea of how merit pay will work, here are some key elements of the plan and their functions.

COMPARABILITY INCREASE--This is the pay increase GS employees receive annually the first pay period in October (tentatively 4.8% this year). Only one-half of this amount (2.4%) is added automatically to the GM employee's salary; his remaining half goes into the...

MERIT PAY FUND--This fund is the amount that is available for distribution as merit pay. The fund comes from three sources: the discretionary one-half of the comparability increase mentioned above; the money from within-grade increases GM employees would have

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received as GS employees; and the approximate value of quality step increases that the GM employees might have been awarded. The latter two amounts are based on probability and averages throughout the Federal service; Office of Personnel Management supplies these figures to the agency for Merit Pay fund calculations.

MERIT PAY POOL--The group of GM employees who will be sharing a Merit Pay Fund. There should be some commonality among members, such as geographic or administrative, to provide a meaningful link between pay and performance. Although Departmental guidelines say that pools should contain between 30 and 100 employees, the National Mapping Division has eight pools (four Centers, four at Headquarters) ranging from 12 to 56 members.

PAY RANGE--Is the salary differential between Step 1 and Step 10 of a given grade on the GS salary schedule. The GM pay range will have the same limits, except it will be divided into terciles, with those now in Steps 1-3 going to the lower third, Steps 4-6 to the middle third, and 7-10 to the upper third. Movement through the pay range will occur at each merit pay increase, with consistently outstanding performers moving toward the top of the range and satisfactory performers gravitating toward the middle.

POINT MATRIX--A table calculated to equitably divide the MP fund among pool members according to their performance. This matrix is subject to annual adjustment. Here is the matrix proposed for October 1981.

PERFORMANCE APPRAISAL	GRADE LEVEL	POSITION OF SALARY IN PAY RANGE: LOWER THIRD	MIDDLE THIRD	UPPER* THIRD
Outstanding	GM-15	3.00	2.50	2.00
	GM-14	2.55	2.13	1.70
	GM-13	2.16	1.80	1.44
Excellent	GM-15	2.25	1.88	1.50
	GM-14	1.91	1.60	1.28
	GM-13	1.62	1.35	1.08
Fully Satis.	GM-15	1.50	1.25	1.00
	GM-14	1.28	1.06	0.85
	GM-13	1.08	0.90	0.72
Min. Satis. and Unsatis.	All	0	0	0

*Not to exceed top of pay range.

As you can see, an individual's points are based upon his performance appraisal, his grade, and his position in the pay range. When the points of all members of the pay pool have been totaled, that figure is divided into the merit pay fund total to find the dollar value of a point. That value, multiplied by the individual's points in the above matrix, equals his merit pay increase.

Although there are some complicating factors which go beyond the space allocation of this article, these are all programed for computer solution. Because this is the first year of Merit Pay in the USGS, some delay may be expected. However, the money must be paid before December 31, and the raise will be retroactive to October 4.

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SPECIAL ASSISTANT FOR MAPPING REQUIREMENTS

by Phil Lampert

Dennis White, newly appointed Special Assistant for Mapping Requirements at the Mid-Continent Mapping Center, started his mapping career in 1969 in Rolla, Missouri. In 1974, he was transferred to Reston and spent the following 7 years in various staff assignments.

Dennis graduated from Michigan Technological University at Houghton in 1969 and in July of 69 was hired as an Engineering Trainee at MCMC. In 1974, after completing the engineering training he was transferred to the Topographic Division Advance Techniques Office. From 1974 to 1976, he spent extensive time at DMA-TC, St. Louis; DMA-AC, Washington; and Rome Air Force Base, Rome, N.Y., developing new computer mapping software and techniques.

In May of 1976, he was selected to be a member of the Mars Landing Site Certification Team and assigned to the Branch of Astrogeological Studies, USGS, Flagstaff, Arizona. In this position, he assisted in selection of landing sites for both Viking I and Viking II spacecraft.

From 1976 to 1979, Dennis was assigned by the Special Mapping Center as the System Manager for the USGS Digital Application Team's Interactive Graphic Design System.

In 1979, Dennis was selected as the National Mapping Division's Digital Data Specialist under the Branch of Data Acquisition, National Cartographic Information Center at Reston.

In June of 1981, he was appointed to his present position.

Dennis has purchased a house in College Hills, and his wife Ardith and two daughters will soon join him in Rolla.

MCMC is fortunate to have an employee with this eminently varied experience, and we are happy to welcome Denny back "into the fold."

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"MISSION 81-030"
OR
"COME FLY WITH ME"

by Phil Lampert

The "Enviro-pod" camera system on loan from the Environmental Protection Agency to the Geographic Investigations Office at MCMC, containing two KA-85 recon cameras, mount to the bottom of a Cessna 172. The cameras, mounted in vertical and oblique positions, are used by the GIO staff for land use documentation purposes, special land use mapping projects, geographic research, and when requested by Federal and State agencies, for specific uses and studies of sensitive environmental areas and potential pollution sites. At the request of EPA, the U.S. Bureau of Mines, and the Survey's Water Resources Division in Rolla, a mission was planned and completed June 18, 1981.

The cameras and controls were tested at the Center and the Enviro-pod installed on an aircraft at the Rolla Downtown Airport. After final testing of the system, we were ready for take off by 8:30 a.m.

The first site photographed was a large mine tailings pond in Leadwood, near Potosi. I operated the cameras while Larry George, Research Chemist at the Bureau of Mines in Rolla, maintained the photographic mission log. Each time the system is operated, the magnetic heading, flight altitude, number of frames exposed, time of exposure, and general geographic location are recorded.

The next two sites in Desloge and Bonne Terre were also mine tailings areas. Both sites possess potential pollution possibilities and are presently under study by the Bureau.

After an hour of flying, we reached the Mississippi River and turned north toward the next site. EPA wanted photographs of a former U.S. ammunition plant near Granite City, Ill. Since NMD is presently revising the St. Louis area maps, I had

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the PR photos on which I had drawn the flight lines requested by EPA. Our pilot had obtained permission from the St. Louis air control tower prior to flying over the area since we were to be in the flight path of aircraft landing at Lambert-St. Louis. The target was photographed in N-S and E-W direction at an altitude of 2,500 feet above ground.

Our next target was a pivotal irrigation system near Mexico. After an initial flyover, we finally located the target and took picutres in a N-S direction at 2,500 feet and at 500 feet.

We then landed at the Columbia Regional Airport for fuel and lunch. I sipped a coke as I wasn't very hungry! This airport is between Columbia and Jefferson City.

Our next site was the nuclear reactor under construction at Reform, Callaway County. The 300-foot high, bell-shaped cooling tower and round reactor stand out well on the horizon. It gives one an apprehensive feeling. We photographed the area and spent the rest of the day in southwest Missouri taking pictures of various land uses and vegetative cover needed for GIO's land use documentation and photointerpretation keys.

We landed at the Rolla Downtown Airport at 5:30 p.m., removed the pod, brought it back to the repository at the Mapping Center, and were home by 7 p.m.

The next day, the cameras were sent to EPA's photolab in Warrenton, Virginia for film development. The following week the processed film arrived at the Mapping Center. The photography was exceptional, coverage complete, (we even had a picture of a house on fire), and the requesting agencies pleased. I was pleasantly surprised with the photos. The time and effort expended in planning the mission was well utilized.

In retrospect, it was enjoyable, interesting, and educational. Seven and one-half hours in a small airplane is a little bit too long, and a 12-hour day tends to be tiring. It was an exhilarating experience, and I look forward to the next flight!

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A DOUBLE FIRST FOR MCMC

By H. C. Meaux

What is the first State west of the Mississippi to have complete 7½-minute map coverage?

When the Utica, Kansas; Mindenmines, Missouri-Kansas; and Asbury, Missouri-Kansas, quadrangles roll off the press in September, Kansas will become the first State west of the Mississippi to have complete 7½-minute coverage. Of even greater significance to the Mid-Continent Mapping Center is that Kansas will be the first of the fourteen States under its mapping jurisdiction to be completed in the 7½-minute map series. Kansas now joins the States of Connecticut, Delaware, Florida, Georgia, Indiana, Kentucky, Maryland, Massachusetts, New Jersey, Ohio, Pennsylvania, Rhode Island, Tennessee, Virginia, and West Virginia, as well as Washington, D.C., where complete 7½-minute map coverage is available.

To map the 82,280-square-mile State area required some 1,550 7½-minute quadrangles. This was accomplished by the aggressive mapping program and excellent cooperation of our two Kansas cooperators, the Kansas Geological Survey and the Kansas Department of Transportation. Now that the 7½-minute map series is complete, our Kansas cooperators are focusing on other mapping requirements and map products.

The completion of the 7½-minute map series is significant, not only because Kansas is completely mapped with topographic maps produced at a common scale and in compliance with national map accuracy standards, but because it is also an excellent example of Federal-State cooperation. Plans are being made with Kansas State officials to mark the occasion later this year.

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ASP NEWS

by Bill Good & Jerry Wagner

The Rolla Chapter of the American Society of Photogrammetry met Wednesday evening, July 8, on the campus of the University of Missouri-Rolla, in room 107 of the Mining Building. Mr. Glenn Osick, ASP President, introduced Dr. David Barr and Dr. Dale Elifritz, UMR. Dr. Elifritz gave an interesting program entitled "A Study of Coal Mine Subsidence Using Remotely Sensed Data." The study forcused on a portion of southern Illinois where underground coal mining has taken place and subsidence of the surface has become a problem. Using various types of remote sensing information along with subsurface strata information, Dr. Elifritz devised several formulas to predict which areas would be most likely to subside in the future.

Then Dr. Barr demonstrated the COMTAL digital image processing system. The system includes a mini-computer, CRT, keyboard terminal, and a 25" screen for display and manipulation of Landsat and other digitally processed imagery.

Refreshments were served after this demonstration.

****

Robert M. Stewart, Assistant Personnel Officer, U.S. Geological Survey, retired May 29, 1981 after more than 33 years of Federal service.

Mr. Stewart began his Federal Service at Fort Leonard Wood, Missouri in 1944. He served with the U.S. Army from October 19, 1944 to October 27, 1946 and returned to Fort Leonard Wood Supply Branch in October 1946. He transferred to the U.S. Geological Survey in January 1957 as a Position Classifier and was promoted to the Assistant Personnel Officer position in July 1958 and held that position until his retirement.

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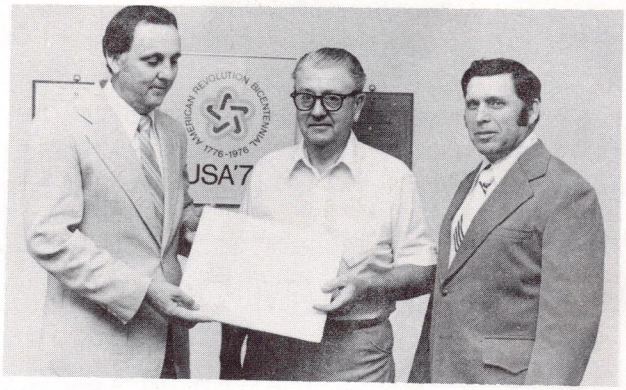
SUPERIOR SERVICE AWARD



Charlie Hicks recipient of a Superior Service Award being presented by Larry Borgerding, MCMC Center Chief, looking on is Gene Lortz, Chief, Branch of Photogrammetry.

Charlie Hicks, Branch of Photogrammetry, recently received the Department of Interior's Superior Service Award for an outstanding productivity record in photogrammetric compilation. During the period from 1970 to 1980, his production rate exceeded the average rate of the Branch by 45 percent. While maintaining this exceptional rate, he also produced a quality product equal to his outstanding production. Charlie has received Quality Increases in 1968, 1975, and 1978; a Special Achievement Award in 1973; an Outstanding Performance Award and a Quality Increase in 1980.

These are evidence of a spirit of dedication and pride that are in the best traditions of the Mapping Center and the Geological Survey.

Congratulations Charlie!

****

Left to Right: Tim Thompson, Bill McComb, Bill Schaub, Ken Robinson, Phil Roberts, Ken Bruner, Harold Thorpe, Ermil Cook.

GROUP SPECIAL ACHIEVEMENT AWARD

During the last quarter of Fiscal Year 1980 (July, August, September), the Branch of Cartography was under extreme pressure to meet fiscal year commitments and goals. Because of production problems associated with inability to acquire update photography, many maps committed for shipment to other Federal agencies and State joint-funding agreements came pouring into the Branch at such a late date that normal map-finishing lead time did not exist. As the Photoimagery Section is at the end of the map-finishing production line, they were hardest hit by the crunch to meet deadlines. They accomplished this seemingly impossible task by teamwork, unselfish diligence, and dedication. Nearly all of the Center goals for map shipments to the Printing and Distribution Center were met; orthophotoquads and County maps needed by Soil Conservation Service were completed, and Bureau of Land Management maps were sent before the deadline.

Each member of the Section contributed in a special way; however, because of their versatility and willingness to do everything necessary to accomplish the mission, some overlap of duties occurred. They surpassed normal output by nearly 20 percent.

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AWARDS

SPECIAL ACHIEVEMENT
Catherine M. Bade
Jane A. Riley
Hylan L. Beydler
Joseph L. Wallis
Jack A. McFarland
Dan H. King
Ricky D. Mace
Fredrick D. Howard
James P. Carey
Alfred D. Cochran
Gladys M. Conaway
Linda J. Copeland
James C. Earl
Edward Hall, Jr.
Irvin J. Hawkins
Irene J. Hosfeld
Russell Flegel
Juanita P. Wisdon
Donna S. Story

QUALITY INCREASE
Lindall J. Baker
(Outstanding Performance Rating)
Robert C. Laird
(Outstanding Performance Rating)

30-YEAR
Catherine M. Bade
Dallas H. Robertson
J. Patrick Ryan
Claude R. Summers, Jr.

20-YEAR
Merle E. Southern
Renai P. Sidie
Lucy B. Robison
Richard T. Miller

10-YEAR
William H. Schaub

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PERSONNEL ACTIONS (THROUGH AUG. 7)

ACCESSIONS
Juanita B. Lane, Transfer-Career, Acounting Technician, GS-5, Br. of P&P, Program Control Sect.
Jerri A. Montgomery, Secretary, GS-3, Office of Center Chief, Geographic Investigation Office

Donald W. Schrader, VRA Appointment, Electronics Tech., GS-5, Off. of Center Ch., Instrument Maintenance Unit

Stephen D. Skelton, Student Trainee (Carto.), GS-5, Off. of Center Ch. (Co-op), conversion of career-conditional appointment & promotion to Cartographer, GS-7, Off. of Center Ch., Carto. Trainee Group

Dennis L. White, reassignment/CAO, Cartographer, GS-13, Br. of P&P, Off. of Br. Ch.

Edwin R. Tillott, "v" Appointment, Summer Aid, Br. of Carto., Off. of Br. Ch.

Agnellus J. Pedro, Conversion to career-conditional appointment & promotion, from Student Trainee (Carto), GS-5, Off. of Center Ch., to Cartographer, GS-7, Off. of Center Ch., Carto. Trainee Group

Wiley R. Whitehorn, Excepted Appointment, "q" NTE 6 months (to be converted to co-op this fall), Cartographic Aid, GS-3, Br. of Carto., Off. of Br. Ch.

Charlie G. Wilson, VRA Appointment, Instrument Mechanic Helper, WG-5, Off. of Center Ch., Instrument Maintenance Unit

Earl E. Spurgeon, Excepted Appointment, Conditional, Federal Junior Fellowship Prog., Comp. Aid, GS-2, Off. of Center Ch., Technology Office

LOSSES

William E. Cremer, resignation, Surveying Technician, GS-4, Br. of FS, Field District

Wilma J. Daniels, Data Transcriber, GS-4, Br. of P&P, Off. of Br. Ch., Comp. Oper. Unit, resignation

Sandra G. Bowling, Carto. Tech., GS-6, Br. of Carto., Compilation Unit, pay adjustment to part-time

PROMOTIONS

Alfred D. Cochran, Carto. Aid, GS-4, Br. of Photog., Photog. Oper. Sect., to Carto. Tech., GS-5, same

Denise D. Coleman, Carto. Tech., GS-5, Br. of Photog., Photog. Oper. Sect., to same, GS-6, same

Roger D. Colvin, Carto. Aid, GS-2, Br. of P&P, NCIC-M, Data Acquisition Team, to same, GS-3, same

William E. Corey, Jr., Carto. Tech., GS-6 Br. of Photog., Photog. Oper. Sect., to same, GS-7, same

Linda K. McKeage, Carto. Aid (Trainee), GS-3, Br. of Photog., Photog. Oper. Sect., to same, GS-4, same (completion of upward mobility training)

Linda M. Wools, Carto. Tech., GS-5, Br. of Photog., Photog. Oper. Sect., to same, GS-6, same

Mary B. Lewis, Carto. Aid, GS-3, Br. of Carto., Compilation Unit, to same, GS-4, same

Susan L. Seibel, Cartographer, GS-5, Off. of Center Ch., Carto. Trainee Group, to same, GS-7, same

Mary A. Dickey, Carto. Tech., GS-5, Br. of Carto., Compilation Unit, to same, GS-6, same

TERMINATION OF DETAIL (NTE 60 DAYS)

Marshall J. Creighton, from Supv. Carto., GS-12, Br. of Photog., Photo. Oper. Sect., to Cartographer, GS-11, Br. of Carto., Carto. Sect., Editing Unit "A"

Allan R. Kohrmann, Supv. Carto., GS-12, Br. of Photog., Photog. Oper. Sect., to Cartographer, GS-11, Br. of FS, FSIS

Allen V. Giebink, Supv. Carto., GS-12, Br. of Photog., Photog. Oper. Sect., Analysis & Manuscript Preparation Unit, to Cartographer, GS-11, Br. of FS, Geo. Sect.

Michael D. Jones, Supv. Carto., GS-12, Br. of Photog., Photog. Oper. Sect., to Cartographer, GS-11, Br. of Carto., Carto. Sect., Editing Unit "B"

Robert A. Peckman, Cartographer, GS-11, Br. of FS, Geodetic Sect., to same, Br. of Photog., Photog. Oper. Sect., Analysis and Manuscript Preparation Unit

Jeffrey L. Goldberg, Supv. Carto., GS-12, Br. of Photog., Photog. Oper. Sect., Photoproducts Unit, to Cartographer, GS-11 Br. of Carto., Off. of Br. Ch., DLG Gr.

Charles K. Holdaway, Supv. Carto., GS-12, Br. of Photog., Photog. Oper. Sect., to Cartographer, GS-11, same

Robert M. Lemen, Supv. Carto., GS-12, Br. of Photog., Photog. Oper. Sect., to Cartographer, GS-11, Br. of Carto., Carto. Sect., Editing Unit

Kenneth J. Boyko, Supv. Carto., GS-12, Br. of Photog., Photog. Oper. Sect., Analysis & Manuscript Preparation Unit, to Cartographer, GS-11, Br. of Photog., Photog. Oper. Sect.

TERMINATION OF DETAIL (NTE 120 DAYS)

Dwayne M. Sawyer, Supv. Carto., GS-12, Br. of Photog., Tech. Planning Sect., Photocontrol Requirement Unit, to same, Photog. Oper. Sect.

John E. Smith, Supv. Carto., GS-12, Br. of Photog., Photog. Oper. Sect., to same, Tech. Planning Sect., Photocontrol Requirement Unit

John B. Conroy, (Staff) Cartographer, GS-11, Off. of Center Ch., to Cartographer, same, Br. of Carto., Carto. Sect., Editing Unit "B"

DETAIL (NTE 30 DAYS)

Gary H. Raymond, Cartographer, GS-11, Br. of Carto., Carto. Sect., Editing Unit "A", to Supv. Carto., GS-12, Br. of Photog., Photog. Oper. Sect.

Robert D. Yenzer, Cartographer, GS-11, Br. of FS, FSIS, to Supv. Carto., GS-12, Br. of Photog., Photog. Oper. Sect.

DETAIL (NTE 60 DAYS)

Jeffrey L. Goldberg, Cartographer, GS-11, Br. of Carto., Off. of Br. Ch., DLG Group, to (Staff) Cartographer, GS-11, Off. of Center Ch.

Charles K. Holdaway, Cartographer, GS-11, Br. of Photog., Photog. Oper. Sect., to Supv. Carto., GS-12, same, Analysis & Manuscript Preparation Unit

Thomas P. DiNardo, Cartographer, GS-11, Off. of Center Chief, Technology Off., to Supv. Carto., GS-12, Br. of Photog., Photog. Oper. Sect., Analysis & Manuscript Preparation Unit

Lawrence L. Jontz, Cartographer, GS-11, Br. of Carto., Carto. Sect., Editing Unit "B", to Supv. Carto., GS-12, Br. of Photog., Photog. Oper. Sect.

Richard L. Mumma, Cartographer, GS-11, Br. of Carto., Carto. Sect., Editing Unit "A", to Supv. Carto., GS-12, Br. of Photog., Photog. Oper. Sect.

Michael D. Jones, Cartographer, GS-11, Br. of Carto., Editing Unit, to Supv. Carto., GS-12, Br. of Photog., Photog. Oper. Sect.

DETAIL (NTE 90 DAYS)

Daniel Meyer, Cartographer, GS-11, Br. of FS, Field District, to same, Geodetic Sect.

REASSIGNMENTS

Stephen H. Vaughn, (new PD), Carto. Aid, GS-4, Br. of Photog., Photog. Oper. Sect.

Eddy L. Usery, Cartographer, GS-11, Br. of Photog., Photog. Oper. Sect., to same, Off. of Center Ch., Technology Off.

Shelley L. Hood, Carto. Aid (Trainee), GS-4, Br. of Photog., Photog. Oper. Sect., to Carto. Aid, same (completion of upward mobility training)

Kenneth J. Boyko, Cartographer, GS-11, Br. of PHotog., Photog. Oper. Sect., to same, same, Analysis & Manuscript Preparation Unit

Ronald G. Wood, Carto. Tech., GS-11, Br. of Photog., Photog. Oper. Sect., to same

Carl E. Riley, Carto. Tech., GS-11, Br. of Photog., Photog. Oper. Sect., to same

Reassignments (reorganization) of the following people from Br. of P&P, Off. of Br. Ch., to Br. of P&P, Off. of Br. Ch., Comp. Oper. Unit

E. D. Jones, Cartographer, GS-12
E. A. Campbell, Comp. Operator, GS-9
C. K. Sanders, Comp. Asst., GS-6
M. A. Miller, Comp. Asst., GS-6
M. A. Fone, Data Transcriber, GS-4
M. J. Short, Comp. Operator, GS-3

PROMOTION

Carolyn Tatum, Comp. Clerk, GS-3, GIO, to same, GS-4, same

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IN MEMORIAM

Robert Leslie Lee and Robert LeRoy Lee, father and brother of Rachel Lee.

Edgar L. Allred

****

Dear Survey Friends,

May I take this way to thank you all for the lovely flowers and the many cards and notes of condolence and encouragement we have received. Once again our "Survey Family" has been there when we most needed it.

Gratefully,

Marian Allred & Family

****

Edgar L. (Ted) Allred, retiree, Field District, Branch of Field Surveys, died July 24, 1981, in Siren, Wisconsin.

Ted joined the Survey in 1939 as a field assistant and worked until he entered college in 1941. After serving in the Army in World War II, he returned to complete his education at Colorado A&M, rejoining the Survey in January 1949. He spent his career in the Branch of Field Surveys, except for brief periods of training in the Rolla office. After retiring on January 3, 1980, Ted, Marian, and daughter Peggy had made their home in Siren. Other members of Ted's family residing outside of Wisconsin include Charles, Linda, Judy, and Susan.

Many Mid-Continent Mapping Center employees worked with Ted during his numerous Survey assignments. Several of our current field personnel were recruited and trained under his tutelage. His imprint on the Survey will continue for many years in the work and attitudes of the many employees he trained and influenced. Ted's humor and stories will be remembered by those who worked with him. The respect gained during this assoication was reflected by the participation at services on July 28, in Webster, Wisconsin. Former TFA, Rev. Jerald Blair, performed the service; fieldman Fred Krueger was soloist, and pall bearers included Homer Crowell, Fred Krueger, Will McFarlin, and George Sandul. Several other field, office, and retirees were in attendance at the funeral.

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People who use sarcasm usually get what they deserve sooner or later. There's the story of the father who was wheeling his new son's carriage. He was asked by a passerby, "That your baby?"
"No," said the father sarcastically, "I borrowed it from a neighbor."
"Hmmm," replied the other, taking a closer look, "ugly little beast, isn't he?"

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SILVER FOX

by Jerry O'Brien

On Saturday evening, June 27, 1981, at the Brandywine Supper Club, located between Dixon and Sterling, Illinois, Robert Barrett, USGS Fieldman, also known as the "Silver Fox," made his singing debut. He appeared during an intermission for a "on the road" touring country and western band, and was warmly received by a packed and enthusiastic audience. As to a singing career, Bob stated "he will stay with the elevation meter."

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SOCIAL COMMITTEE NEWS

ANNUAL SPRING OUTING

by Carol Willeford

The Third Annual Spring Outing was held on Friday, June 5th, at Pavilion #3 at the Lions Club Park. Over 250 people were in attendance. Serving began at 5 p.m. and by 6 o'clock over 500 hot dogs, 10 gallons of potato salad, 7 gallons of beans, and 5 gallons of cole slaw had been consumed. (Not to mention the 10 cases of soda and 3 kegs of beer that were gone by the time the evening was over.) The weatherman cooperated and held the rain off until the picnic was over.

FAMILY SKATE NIGHT

The first Family Skate Night was held Monday, July 13, from 7 to 9 p.m., at the Magic Lantern Skating Rink. Approximately 150 people were present, with 110 of them skating and the rest just watching the fun. There were a few falls resulting in some bumps and sprains, but nothing serious. Everyone seemed to have a good time.

The social committee is considering having another family skate night later in the fall. It takes at least 50 skaters at $2 per person to rent the rink. So if you're interested, let one of the social committee members know and we'll see what we can do.

ANNUAL FALL PICNIC

The Annual Fall Picnic is scheduled for Saturday, September 12, at Pavilion #3 at the Lions Club Park. The menu will be BBQ Chicken furnished by the Social Committee and everyone will be asked to bring a covered dish. Price of the tickets has not been decided yet. There will be games for the kids and a horseshoe tournament. Retirees who wish to purchase tickets can do so by calling Carol Willeford at 341-0923 to make reservations and may pay for the tickets the day of the picnic.

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GOLF NEWS

by Gary Raymond

On June 12, a medal play tournament was held at the St. James Golf Club with 56 golfers competing.

Flight Winners:

	Championship	A Flight
1st	H. Ogletree--83	L. Robison--88
2nd	S. Kirkendall--86	A. Harris--88
3rd	B. Cruts--87	C. Finley--89
	B Flight	**C Flight**
1st	B. Powell--91	K. Eissinger--97
2nd	C. Spradling--91	A. Niles--98
3rd	B. Newkirk--94	M. Southern--99
	D Flight	**E Flight**
1st	N. Schwartz--104	D. Bennett--122
2nd	D. Sidwell--104	B. Yenzer--129
3rd	T. Bare--104	J. Powell--130
	D. Giesler--104	D. Bolin--130

The longest drive contest was won by Earl Coleman and the nearest to the pin winner was Gary McKeown.

The first half of the 1981 USGS Scramble League ended on July 13. The front-winning GORILLAS lost their match to CROWELLS CROWS (73-76) while KIRKS JERKS bombed CANFIELD (73-85). This gave KIRKS JERKS first place and a slot in the play-offs.

KIRKS JERKS

Bob Newkirk, Candy Leake, Neil Schwartz
Bob Masters, Stan Kirkendall, Bill Corey

Final first half standings:

1.	KIRKS JERKS	26½
2.	GORILLAS	22
3.	LONG KNOCKERS	19
4.	WALLIS	15½
5.	CROWELLS CROWS	15
6.	CORKS EAGLES	15
7.	GOLDEN BEARS	13
8.	SAWYER	12
9.	CANFIELD	11
10.	DIRTY DIVOTS	9
11.	SANDS	8½

Low team score for the first half was a 67 by CROWELLS CROWS. Low sub-team score was a 32 by KIRKS JERKS and SANDS.

The second half of the Scramble League is well underway and CROWELLS CROWS are presently in first place.

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